IN THE CLAIMS

Please amend claims 4, 10 and 16 as indicated below.

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (cancelled)

Claim 2 (previously presented) A method for initializing a first device distributed with an embedded radio module using a server, said server having an embedded radio module, said method comprising the steps of:

sending an inquiry from said server to said first device using said embedded radio modules;

returning, from said first device, a unique device identifier of said first device, to said server;

creating, at said server, a public key, private key pair for said first device;

creating, at said server, a device certificate for said first device, said device certificate having a unique hardware identifier associated with said first device and a public key associated with said first device;

transmitting said private key, and said device certificate, and a public key of a Certificate Authority which signed said device certificate, to said first device; and

storing said private key in non-removable protected storage at said first device;

wherein said protected storage is write-only storage able to perform computations involving previously-written data.

Claim 3 (previously presented) A method as claimed in claim 2 wherein a copy of said certificate is stored in an enterprise database.

Claim 4 (currently amended) ~~A method as claimed in claim 2~~ A method for initializing a first device distributed with an embedded radio module using a server, said server having an embedded radio module, said method comprising the steps of:

sending an inquiry from said server to said first device using said embedded radio modules;

returning, from said first device, a unique device identifier of said first device, to said server;

creating, at said server, a public key, private key pair for said first device;

creating, at said server, a device certificate for said first device, said device certificate having a unique hardware identifier associated with said first device and a public key associated with said first device;

transmitting said private key, and said device certificate, and a public key of a Certificate Authority which signed said device certificate, to said first device; and

storing said private key in non-removable protected storage at said first device;

wherein said protected storage is write-only storage able to perform computations involving previously-written data;

wherein a copy of said certificate is stored in an LDAP directory.

Claim 5 (cancelled)

Claim 6 (previously presented) A method for initializing a first device distributed with an embedded radio module using a server, said server having an embedded radio module, said method comprising the steps of:

sending an inquiry from said server to said first device using said embedded radio modules;

creating, at said first device, a public key, private key pair for said first device;

storing, at said first device, said private key in non-removable protected storage;

returning, from said first device, a unique device identifier and said public key of said first device, to said server;

creating, at said server, a device certificate for said first device, said device certificate having said device identifier and said public key; and

transmitting said device certificate and a public key of a Certificate Authority which signed said device certificate to said first device;

wherein said protected storage is a write-only storage able to perform computations involving previously-written data.

Claim 7 (cancelled)

Claim 8 (previously presented) A system for initializing a first device distributed with an embedded radio module using a server, said server having an embedded radio module, said system comprising:

a communications mechanism for sending an inquiry from said server to said first device using said embedded radio modules, and returning, from said first device, a unique device identifier of said first device, to said server;

a processor at said server for creating a public key, private key pair for said first device; and

a device certificate, created at said server, for said first device, said device certificate having a unique hardware identifier associated with said first device and a public key associated with said first device;

wherein said communications mechanism transmits said private key, and said device certificate, and a public key of a Certificate Authority which signed said device certificate, to said first device; and, said processor stores said private key in non-removable protected storage at said first device;

wherein said protected storage is write-only storage able to perform computations involving previously-written data.

Claim 9 (previously presented) A system as claimed in claim 8 wherein a copy of said certificate is stored in an enterprise database.

Claim 10 (currently amended) ~~A system as claimed in claim 8~~ A system for initializing a first device distributed with an embedded radio module using a server, said server having an embedded radio module, said system comprising:

a communications mechanism for sending an inquiry from said server to said first device using said embedded radio modules, and returning, from said first device, a unique device identifier of said first device, to said server;

a processor at said server for creating a public key, private key pair for said first device; and

a device certificate, created at said server, for said first device, said device certificate having a unique hardware identifier associated with said first device and a public key associated with said first device;

wherein said communications mechanism transmits said private key, and said device certificate, and a public key of a Certificate Authority which signed said device certificate, to said first device; and, said processor stores said private key in non-removable protected storage at said first device;

wherein said protected storage is write-only storage able to perform computations involving previously-written data;

wherein a copy of said certificate is stored in an LDAP directory.

Claim 11 (cancelled)

Claim 12 (previously presented) An initialization system, said system comprising:

a first device, said first device having an embedded radio module;

a server, said server having an embedded radio module;

a communications mechanism, said communications mechanism sending an inquiry from said server to said first device using said embedded radio modules;

wherein said first device creates a public key, private key pair for said first device, stores said private key in non-removable protected storage, and returns a unique device identifier and said public key of said first device, to said server;

said server creates a device certificate for said first device, said device certificate having said device identifier and said public key; and transmits said device

certificate and a public key of a Certificate Authority which signed said device certificate to said first device;

wherein said protected storage is a write-only storage able to perform computations involving previously-written data.

Claim 13 (cancelled)

Claim 14 (previously presented) A computer program product embodied in a machine readable medium for initializing a first device distributed with an embedded radio module using a server, said server having an embedded radio module, wherein said computer program product comprises the programming steps of:

sending an inquiry from said server to said first device using said embedded radio modules;

returning, from said first device, a unique device identifier of said first device, to said server;

creating, at said server, a public key, private key pair for said first device;

creating, at said server, a device certificate for said first device, said device certificate having a unique hardware identifier associated with said first device and a public key associated with said first device;

transmitting said private key, and said device certificate, and a public key of a Certificate Authority which signed said device certificate, to said first device; and

storing said private key in non-removable protected storage at said first device;

wherein said protected storage is write-only storage able to perform computations involving previously-written data.

Claim 15 (previously presented) The computer program product as claimed in claim 14 wherein a copy of said certificate is stored in an enterprise database.

Claim 16 (currently amended) ~~The computer program product as claimed in claim 14~~ A computer program product embodied in a machine readable medium for

initializing a first device distributed with an embedded radio module using a server, said server having an embedded radio module, wherein said computer program product comprises the programming steps of:

sending an inquiry from said server to said first device using said embedded radio modules;

returning, from said first device, a unique device identifier of said first device, to said server;

creating, at said server, a public key, private key pair for said first device;

creating, at said server, a device certificate for said first device, said device certificate having a unique hardware identifier associated with said first device and a public key associated with said first device;

transmitting said private key, and said device certificate, and a public key of a Certificate Authority which signed said device certificate, to said first device; and

storing said private key in non-removable protected storage at said first device;

wherein said protected storage is write-only storage able to perform computations involving previously-written data;

wherein a copy of said certificate is stored in an LDAP directory.

Claim 17 (cancelled)

Claim 18 (previously presented) A computer program product embodied in a machine readable medium for initializing a first device distributed with an embedded radio module using a server, said server having an embedded radio module, wherein said computer program product comprises the programming steps of:

sending an inquiry from said server to said first device using said embedded radio modules;

creating, at said first device, a public key, private key pair for said first device;

storing, at said first device, said private key in non-removable protected storage;

returning, from said first device, a unique device identifier and said public key of said first device, to said server;

creating, at said server, a device certificate for said first device, said device certificate having said device identifier and said public key; and

transmitting said device certificate and a public key of a Certificate Authority which signed said device certificate to said first device;

wherein said protected storage is a write-only storage able to perform computations involving previously-written data.

Claim 19 (previously presented) The method as recited in claim 2, wherein communication between said first device and said server is performed in a wireless manner.

Claim 20 (previously presented) The system as recited in claim 8, wherein communication between said first device and said server is performed in a wireless manner.

Claim 21 (previously presented) The computer program product as recited in claim 14, wherein communication between said first device and said server is performed in a wireless manner.

Claim 22 (previously presented) The computer program product as recited in claim 18, wherein communication between said first device and said server is performed in a wireless manner.